

030 0420 0400  
 CRF Processing Date: 12/12/01  
 Edited by: DC  
 Verified by: DC (STIC sta

Serial Number: 101005, 168

**ENTERED**

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was wrapped down into the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form. 3/1/95

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/005,168

DATE: 12/12/2001

TIME: 14:25:58

Input Set : A:\R-10 Sequence Listing for Submission.txt

Output Set: N:\CRF3\12112001\I005168.raw

Does Not Comply  
Corrected Diskette Needed

4 <110> APPLICANT: Brennan, Thomas J.  
 6 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING DISRUPTIONS  
 7 IN GENES ENCODING A2D2 CALCIUM ION CHANNEL SUBUNIT PROTEINS  
 10 <130> FILE REFERENCE: R-10  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/005,168  
 C--> 12 <141> CURRENT FILING DATE: 2001-12-04  
 12 <150> PRIOR APPLICATION NUMBER: US 60/299,668  
 13 <151> PRIOR FILING DATE: 2001-06-19  
 15 <150> PRIOR APPLICATION NUMBER: US 60/282,685  
 16 <151> PRIOR FILING DATE: 2001-04-09  
 18 <150> PRIOR APPLICATION NUMBER: US 60/254,802  
 19 <151> PRIOR FILING DATE: 2000-12-11  
 21 <160> NUMBER OF SEQ ID NOS: 4  
 23 <170> SOFTWARE: FastSEQ for Windows Version 4.0

## ERRORED SEQUENCES

125 <210> SEQ ID NO: 4  
 126 <211> LENGTH: 200  
 127 <212> TYPE: DNA  
 128 <213> ORGANISM: Artificial Sequence  
 130 <220> FEATURE:  
 131 <223> OTHER INFORMATION: Targeting vector  
 133 <400> SEQUENCE: 4  
 134 ccagcagcta ctctatggtc tcattctatca cagctgggtc caggcaggta agtagggttt 60  
 135 aggatgcttg gcccctaaatc tgtgtccagg gcgggaacag atgctcggat cacaaggaga 120  
 136 gtggggctta gggctgcgcc aagctgaggc ggacgattgt ctgtgggcgg ggctgaggcg 180  
 137 tctgggcccc gcagaccg  
 E--> 141 (1) - delete

## VERIFICATION SUMMARY

DATE: 12/12/2001

PATENT APPLICATION: US/10/005,168

TIME: 14:25:59

Input Set : A:\R-10 Sequence Listing for Submission to PTO.txt

Output Set: N:\CRF3\12112001\I005168.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:141 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:200 SEQ:4